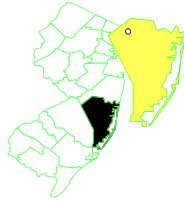


# JACKSON TOWNSHIP LANDFILL NEW JERSEY

EPA ID# NJD980505283



**EPA REGION 2**  
CONGRESSIONAL DIST. 04  
Ocean County  
Jackson Township

## Site Description

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The Jackson Township Landfill operated from 1972 until its closure in 1980. Twenty acres of this 135-acre site were used for dumping millions of gallons of liquid septic tank and coffee waste. The site, originally a titanium ore mining pit, was turned over to the Township by a local mining company in the early 1970s. The landfill originally was located in a relatively undeveloped area, but homes were built, and shallow wells were constructed close to the landfill. In 1977, residents complained of poor water quality. Tests showed that the Cohansey Aquifer, a shallow aquifer, was contaminated with a variety of volatile organic chemicals (VOCs). In 1978, Jackson Township advised residents to stop drinking water from shallow wells. In 1980, a public water supply from a deep well located ½ mile southeast of the site was extended to residents near the site. There are approximately 3,200 people living within 3 miles of the site. All of the 165 homes in the area have been connected to the public water supply system.

**Site Responsibility:** This site has been addressed through Federal, State, and potentially responsible parties' actions.

### NPL LISTING HISTORY

Proposed Date: 12/01/82  
Final Date: 09/01/83  
Deletion: 09/13/95

## Threats and Contaminants



On-site monitoring wells and nearby residential wells were sampled periodically in the 1980s and did not confirm the widespread contamination found in 1978. A few sampling points on site had shown elevated levels of one or more VOCs and heavy metals. All the nearby residences rely on a municipal water well. However, residential wells farther away from the site could have been threatened by contaminants leaching from the landfill.

## Cleanup Approach

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This site has been addressed in two stages: an initial action and a single long-term remedial phase focusing on cleanup of the entire site.

## Response Action Status

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**Initial Action:** In 1980, the State provided an alternate water supply for 130 wells that were contaminated as a result of groundwater contamination at the landfill.



**Entire Site:** Jackson Township, under State monitoring, has investigated the nature and extent of groundwater and soil contamination at the site. Results of the investigation indicated that levels of contaminants in groundwater have continued to decrease since the early 1980s and that the site did not present an unacceptable risk to human health and the environment. Based upon these findings, a Record of Decision was signed in September 1994, which called for no further action to be taken at the site with the exception of landfill closure in accordance with New Jersey Solid Waste Regulations. The site was deleted from the National Priorities List in September 1995.

**Site Facts:** In 1988, the State and Jackson Township reached an agreement, known as a Judicial Consent Order, which required Jackson Township to fund an investigation and any required cleanup of the landfill.

## Cleanup Progress



(Threat Mitigated by Physical Clean-up Work)

Connection of residents in the vicinity of the site to a public water supply in 1980 eliminated the potential for exposure of these residents to any contaminated groundwater associated with the Jackson Township Landfill. EPA and the State have determined that the site does not present a threat to human health and the environment. In September 1999, EPA conducted a review of the no further action remedy selected in the 1994 Record of Decision to ensure that the selected remedy remains protective. The EPA and the State will continue to ensure the safety of nearby residents by conducting another review of the site within 5 years of the 1999 review to ensure that the selected remedy continues to be protective of human health and the environment.